

IN THE CLAIMS

Please amend the claims to be in the form as follows:

Claim 1 (previously presented): An electronic optical recording device for optical recording on rewritable media, with which two different states can be recorded by adjusting a power level of a laser diode depending on information content to be generated on the media,
characterized
in that during writing of the states, a beam from the laser diode is focused upon a spot that is written for one of the states, a reflection is measured from the spot of only one of the states and a measured value of the reflection is used for controlling the power of the laser diode for writing of both states.

Claim 2 (previously presented): An electronic device as claimed in Claim 1,
characterized
in that the reflection is measured at spots where a piece already in a highly reflecting state is overwritten with a highly reflecting state.

Claim 3 (previously presented): An electronic device as claimed in Claim 1, wherein a signal peak detector measures reflected light.

Claim 4 (previously presented): An electronic device as claimed in Claim 3, wherein the signal peak detector measurement is compared to a reference value.

Claim 5 (previously presented): An electronic device as claimed in Claim 4, wherein the power of the laser diode is adjusted if a comparison of the signal peak detector to the reference value indicates a deviation.

Claim 6 (previously presented): An electronic device as claimed in Claim 1, wherein the reflection is measured when a highly reflective state is written.

Claim 7 (previously presented): An electronic optical recording device for optical recording on rewritable media that records by adjusting a power level of a laser diode to one of two different states depending on information content to be recorded on the media, comprising:

means for measuring a reflection from a written spot of only one of the states during writing; and

means for controlling the power of the laser diode to be a measured value of the reflection for writing both states.

Claim 8 (currently amended): An electronic device as claimed in Claim 7 wherein the means for measuring the reflection measures at spots already written in a highly reflecting state is being overwritten with a highly reflecting state.

Claim 9 (previously presented): An electronic device as claimed in Claim 7, wherein the means for measuring the reflection further comprises a signal peak detector that measures reflected light.

Claim 10 (previously presented): An electronic device as claimed in Claim 9, wherein the peak detector measurement is compared to a reference value.

Claim 11 (previously presented): An electronic device as claimed in Claim 10, wherein the power of the laser diode is adjusted if a comparison of the signal peak detector compared to the reference value indicates a deviation.

Claim 12 (previously presented): An electronic device as claimed in Claim 7, wherein the means for measuring the reflection measures when a highly reflective state is written.

Claim 13 (previously presented): An electronic device as claimed in Claim 11, wherein the deviation occurs as a result of soiling of the rewritable media.

Claim 14 (previously presented): An electronic device as claimed in Claim 13, wherein the

deviation results in the means for controlling the power of the laser diode to be readjusted.

Claim 15 (previously presented): An electronic device as claimed in Claim 14, wherein the laser diode as readjusted is retained for writing low-reflection states.

Claim 16 (previously presented): An electronic device as claimed in Claim 14, wherein the rewritable media is channel coded.

Claim 17 (previously presented): An electronic device as claimed in Claim 5, wherein the deviation occurs as a result of soiling of the rewritable media.

Claim 18 (previously presented): An electronic device as claimed in Claim 17, wherein the deviation results in the means for controlling the power of the laser diode to be readjusted.

Claim 19 (currently amended): An electronic device as claimed in Claim 18, wherein the laser diode as readjusted is retained for writing low-reflection states.

Claim 20 (previously presented): An electronic device as claimed in Claim 18, wherein the rewritable media is channel coded.

Claim 21 (new): An electronic optical recording device for optical recording on rewritable media, including:

- a laser diode having a power level that is adjusted to record two different states depending on information content to be generated on the media;
- a beam from the laser diode that is focused upon a spot that is written for one of the states;
- a reflection from the beam that is measured for only one of the states; and
- a measured value of the reflection that is used controlling the power of the laser diode for writing of both states.